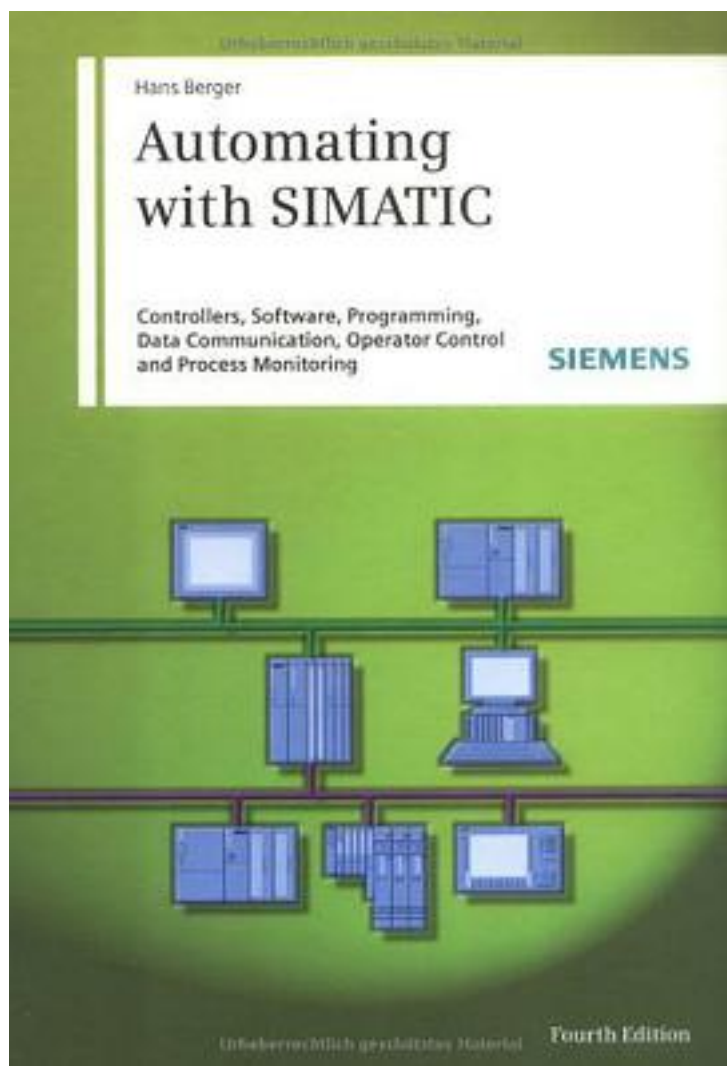# Automating with SIMATIC

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著者:Berger, Hans

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Totally Integrated Automation is the concept by means of which SIMATIC controls machines, manufacturing systems and technical processes. Taking the example of the S7-300/400 programmable controller, this book provides a comprehensive introduction to the architecture and operation of a state-of-the-art automation system. It also gives an insight into configuration and parameter setting for the controller and the distributed I/O. Communication via network connections is explained, along with a description of the available scope for operator control and monitoring of a plant.

As the central automation tool, STEP 7 manages all relevant tasks and offers a choice of various text and graphics-oriented PLC programming languages. The available languages and their respective different features are explained to the reader.

The fourth edition describes the latest components and functions. The STEP 7 basic software is explained in its latest version. New functions for Profinet IO and the open communication over Industrial Ethernet have been added.

The book is ideal for those who have no extensive prior knowledge of programmable controllers and wish for an uncomplicated introduction to this subject.

作者介绍:

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